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George L. Snyder, Jr.

Name

Signature

Date of Signature

AUG. 6, 2007

~~July 31, 2007~~ AUGUST 6, 2007

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

*In re* U.S. Patent Application No.: 10/824,211  
First named inventor: Claudia Dorenkamp  
For: Illumination Device in a Cryostat  
Filed: April 14, 2004 Confirmation No.: 6284  
Examiner: William Charles Doerrler TC/Art Unit: 3744  
Customer No.: 26712 Docket No.: 037105.00053

**DECLARATION UNDER 37 C.F.R. § 1.132**

Mail Stop RCE  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Honorable Sir:

The undersigned, **Manfred Biehl**, declares:

1. I am an inventor on U.S. Patent No. 4,979,376.
2. The invention described in U.S. Patent No. 4,979,376 was first the subject of a German Utility Model Application No. 88 12 708.7 filed October 10, 1988. At the time of the invention, I was an employee of Cambridge Instruments GmbH, and I assigned my rights in the invention to Cambridge Instruments GmbH.
3. The invention described in German Utility Model Application No. 88 12 708.7 and U.S. Patent No. 4,979,376 was commercialized in the Cryocut 1800 marketed by Leica Instruments GmbH, successor to the business of Cambridge Instruments GmbH. The Cryocut 1800 was launched in 1989.

Application No. 10/824,211

Declaration of Manfred Biehl under 37 CFR 1.132

4. Illuminator 8 depicted in Fig. 4 of German Utility Model Application No. 88 12 708.7 and U.S. Patent No. 4,919,376 is located above the microtome cutting device to illuminate the object being examined, however, it is not arranged inside the cryostat chamber with the microtome. Rather, the illuminator bulb is located near the glass pane 3 so that its heat would prevent fogging of the glass pane 3.

5. The attached Exhibit A is a portion of Service Manual for the Cryocut 1800 printed in February, 1989. It shows a fluorescent lamp (2) in a lamp holder (3) outside of the cryostat chamber adjacent the heated window (16).

Respectfully submitted,

31.07.07

Date

Manfred Biehl

Manfred Biehl

GLS/MAR/

037105/00053 GBDOCS 827588v1

EXHIBIT A

**Leica**

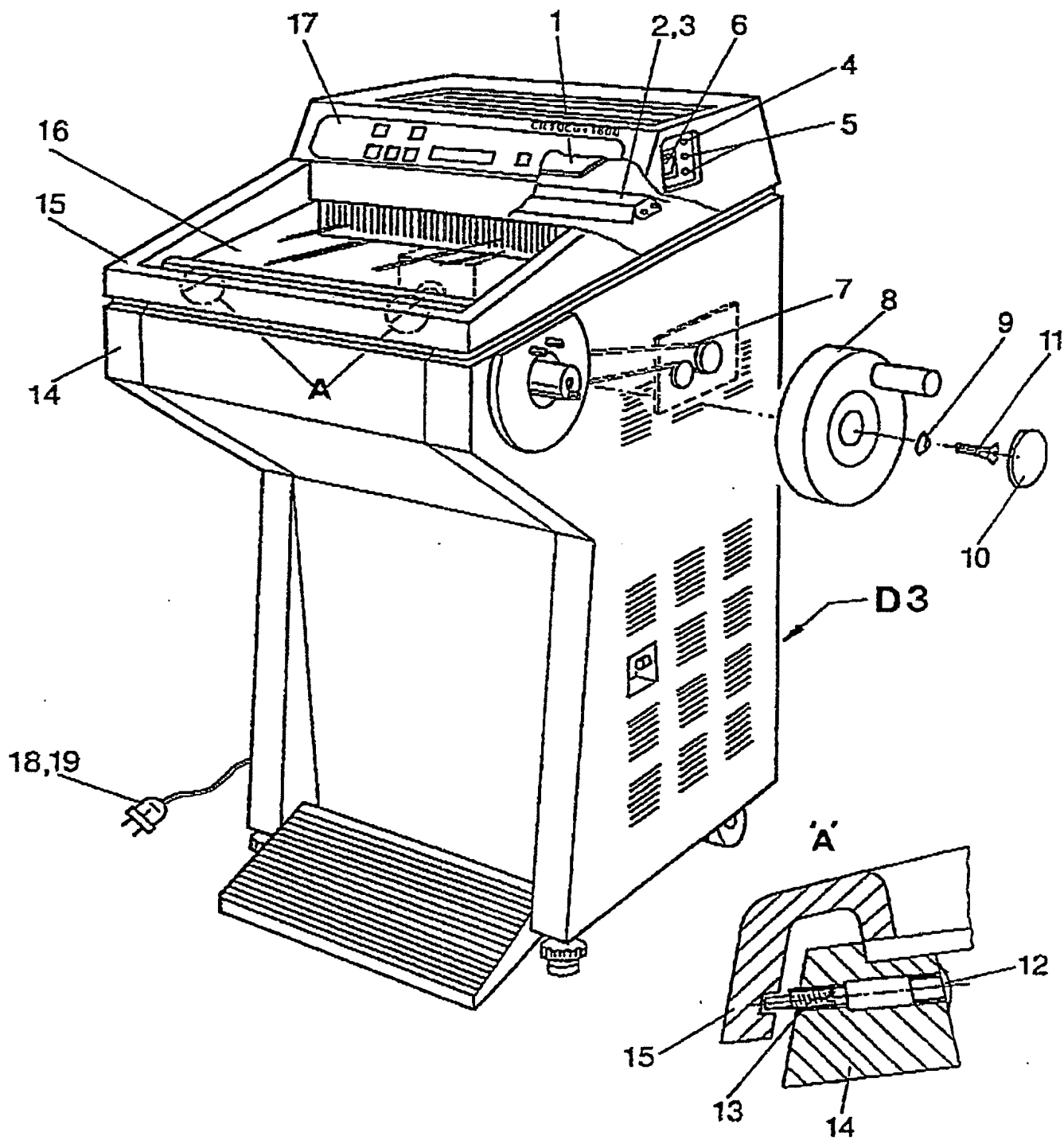
# ***CRYOCUT 1800***

## ***Service Manual***

***Service Support***

***February 1989***

***Leica***

**CRYOCUT 1800****D 1** Cabinet

**CRYOCUT 1800****D 1** Cabinet

| Item | Part No.   | Qty. | Description            | Remarks              |
|------|------------|------|------------------------|----------------------|
| 1    | 0416 18508 | 1    | Processor board        |                      |
| 2    | 0398 14852 | 1    | Fuorescent lamp        | 220V/50Hz            |
|      | 0416 18446 | 1    | Fluorescent lamp       | 110V/60Hz            |
| 3    | 0398 14854 | 1    | Lamp holder            | 220V/50Hz            |
|      | 0416 18855 | 1    | Lamp holder            | 110V/60Hz            |
| 4    | 6943 03151 | 1    | Fuse F1                | 3.15 amps slow, 220V |
|      | 6943 04001 | 1    | Fuse F1                | 4 amps slow, 110V    |
| 5    | 6943 08001 | 2    | Fuse F2, F3            | 8 amps slow, 220V    |
|      | 6943 16001 | 2    | Fuses F2, F3           | 16 amps slow, 110V   |
| 6    | 0416 19709 | 1    | Main switch S1         |                      |
| 7    | 0398 17563 | 1    | Toothed belt           |                      |
| 8    | 0416 18478 | 1    | Handwheel              |                      |
| 9    | 2171 73102 | 1    | Spring washer          |                      |
| 10   | 0402 09052 | 1    | Adhesive foil washer   |                      |
| 11   | 2101 22109 | 1    | Screw                  |                      |
| 12   | 3025 00020 | 2    | Cap                    |                      |
| 13   | 2121 33136 | 2    | Screw                  |                      |
| 14   |            |      | Cabinet                |                      |
| 15   |            |      | Cabinet lid            |                      |
| 16   | 0416 18491 | 1    | Heated window          |                      |
| 17   | 0416 18501 | 1    | Keyboard, compl. assy. |                      |
| 18   | 0411 18162 | 1    | Power cord             | EUROPEAN version     |
| 19   | 0411 19306 | 1    | Power cord             | U.S. version         |